

Calendar Year 2003

Fatal Accidents

All Coal Mines

Graphics include:

Synopsis of CY2003 Coal Mine Fatalities – Part 1

Synopsis of CY2003 Coal Mine Fatalities – Part 2

Fatalities by District

Fatalities by Accident Classification

Fatalities by Activity

Fatalities by Number of Mine Employees

Fatalities by Shift

Fatalities by Day of Week

Fatalities by Occupation

Fatalities by Age

Fatalities by Total Mining Experience

Fatalities by Mine Experience

Fatalities by Activity Experience

Synopsis of CY2003 Coal Mine Fatalities

Part 1

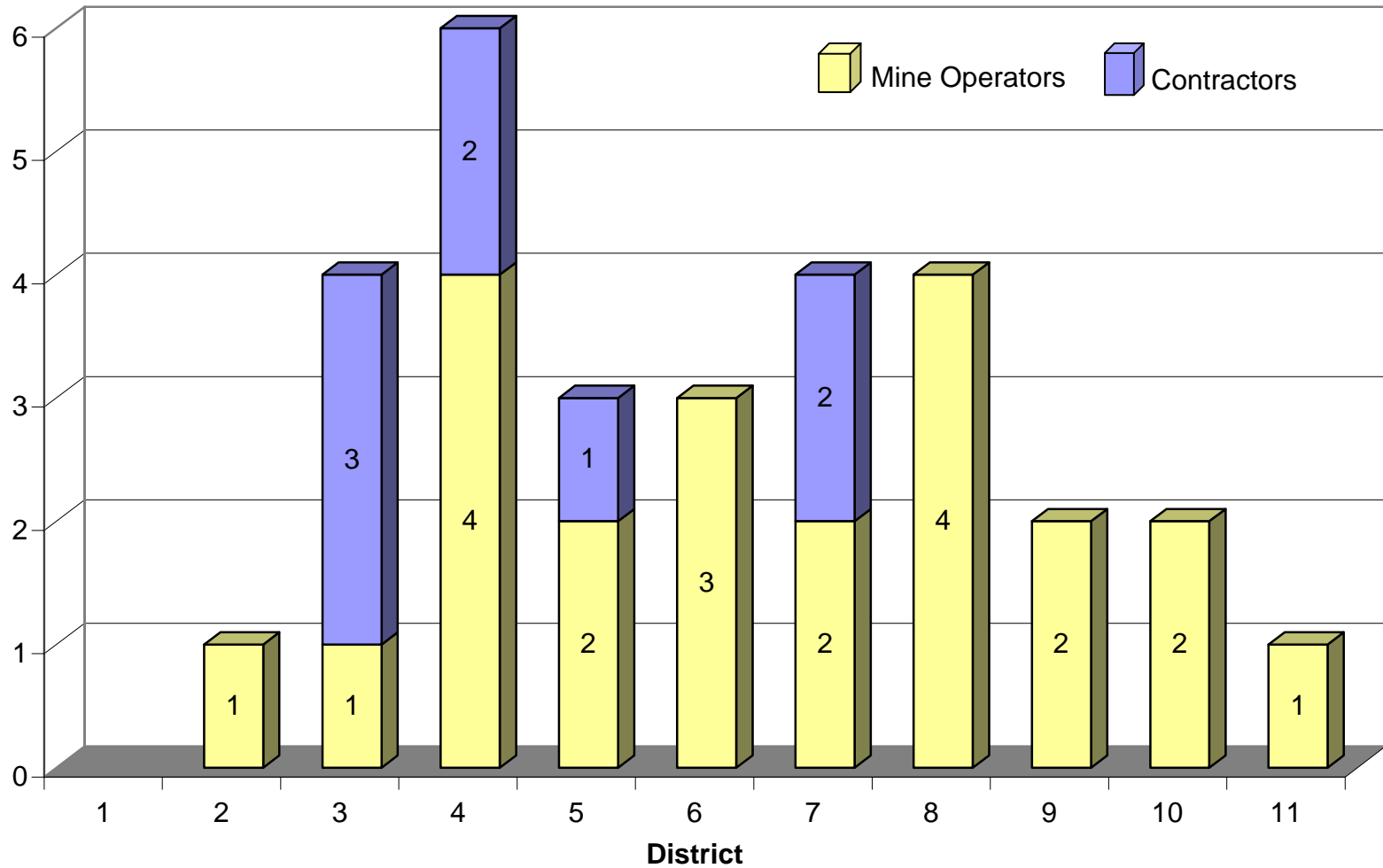
- 30 fatalities have occurred in CY03.
- 10 fatalities (36%) involved maintenance and construction activities.
- 4 fatalities (18%) involved cutting or welding.
- 16 fatalities (50%) occurred in Tri-State districts.
- 57% of the fatal victims had more than 10 years total mining experience, but 33% had less than one year of experience at the mine where the accident occurred.
- 47% of the fatalities occurred at mines with more than 100 employees, 30% at mines with less than 20 employees.
- 60% of the fatal accidents occurred on day shift, 17% afternoon, and 23% midnight.
- 8 (27%) of the fatal victims were supervisors.

Synopsis of CY2003 Coal Mine Fatalities

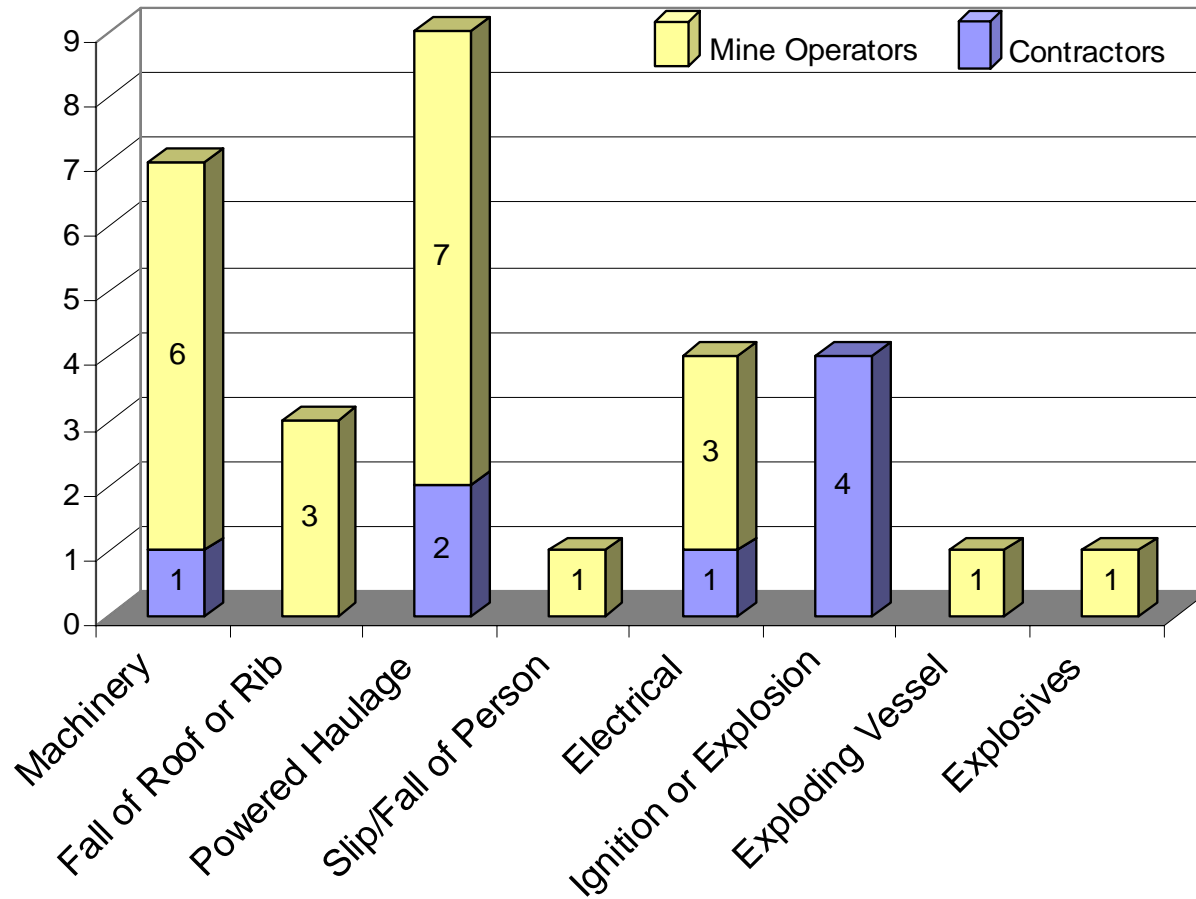
Part 2

- 5 fatalities involved ignitions of gas or fluids:
 - Fataals 1-3: Methane explosion while cutting into water ring during shaft construction;
 - Fatal 12: Pressurized can of starting fluid ignited and ruptured when it contacted a battery terminal while being used to clean dust and oil from engine-mounting bolts;
 - Fatal 23: Explosion of 55-gallon drum while being filled with acetylene.
- 3 recent accidents involved explosives:
 - Fatal 13: Foreman used a power center to detonate explosives;
 - Fatal 15: Three miners were injured, one fatally, when a shot unexpectedly blew through into the area where they were taking shelter from the blast.
 - Non-injury Ignition: Methane accumulated in a roof fall cavity and was ignited when explosives, which were placed on the fallen roof material, were detonated.

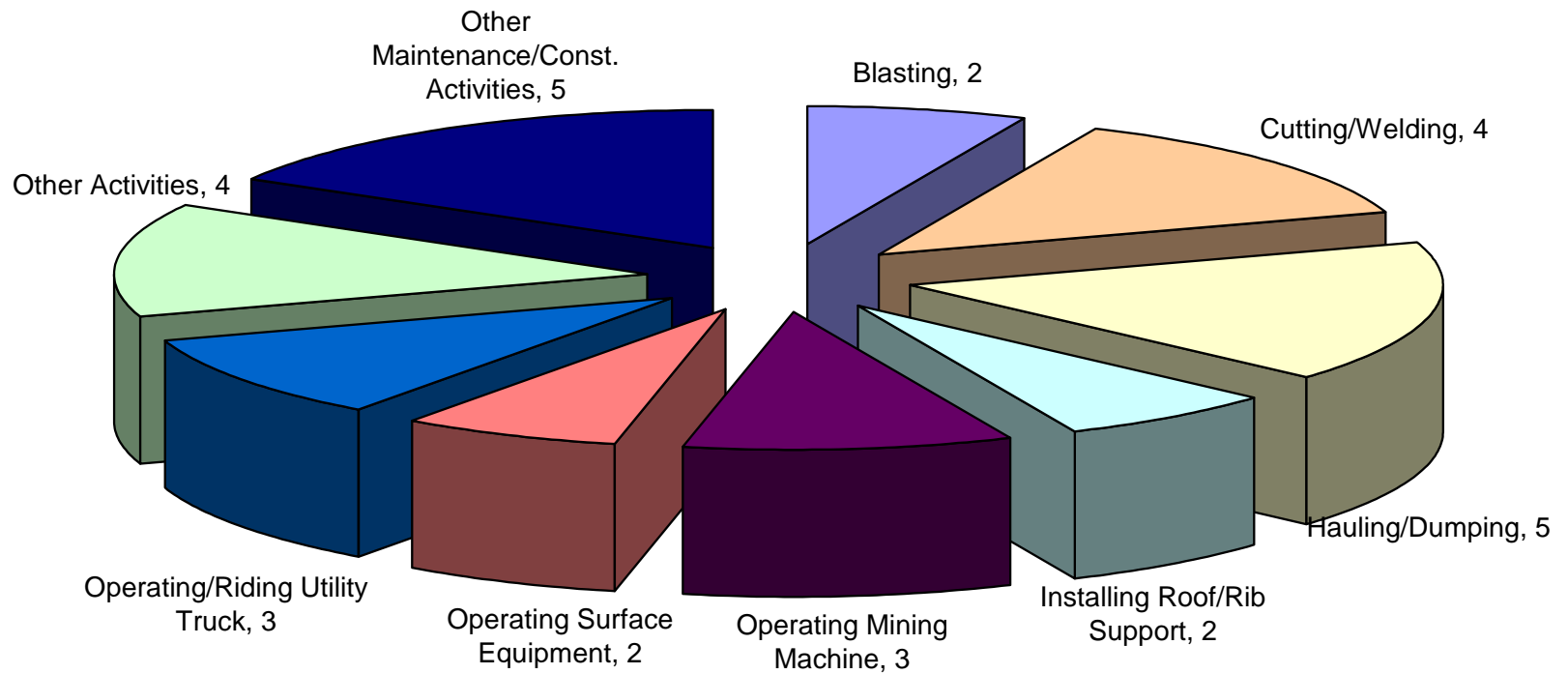
Coal Mine Fatalities by District CY 2003



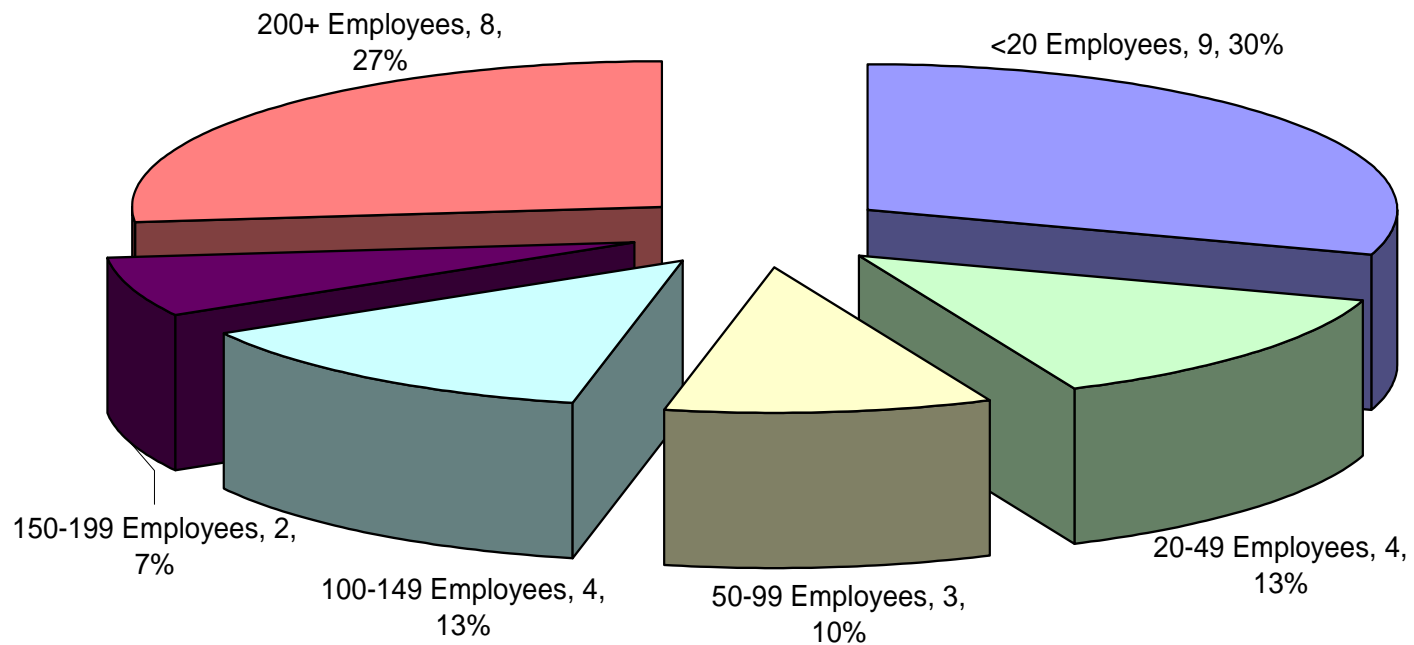
Coal Mine Fatalities by Accident Classification CY2003



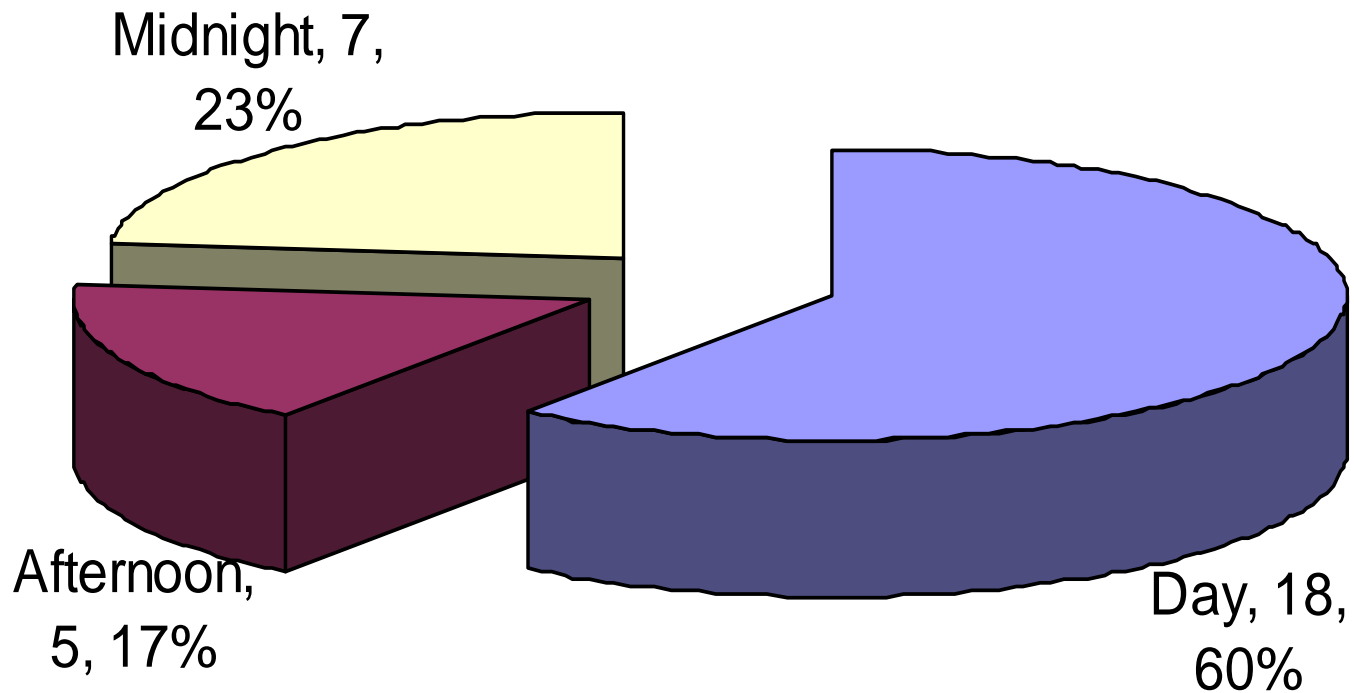
Coal Mine Fatalities by Activity CY2003



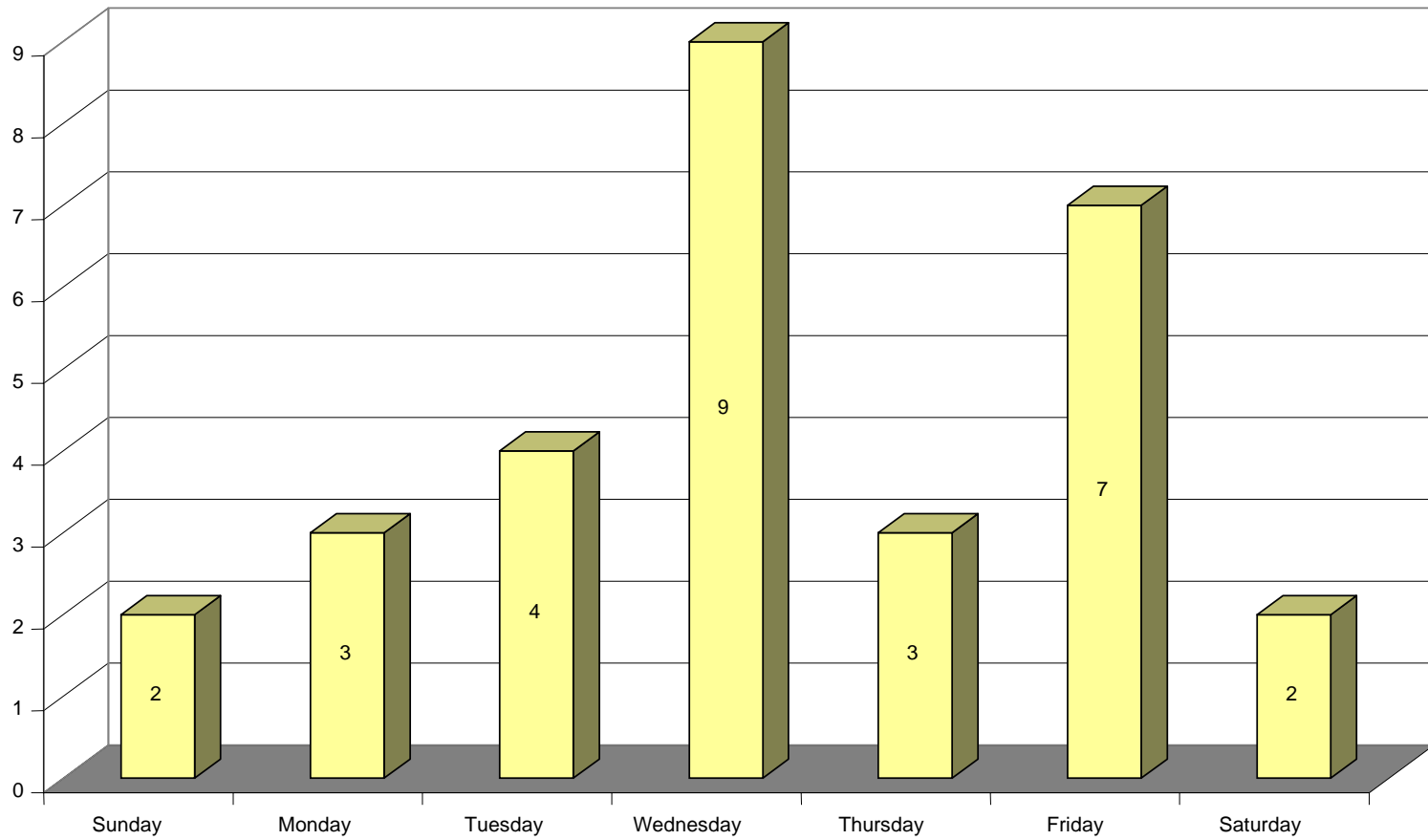
Coal Mine Fatalities By Number of Employees CY2003



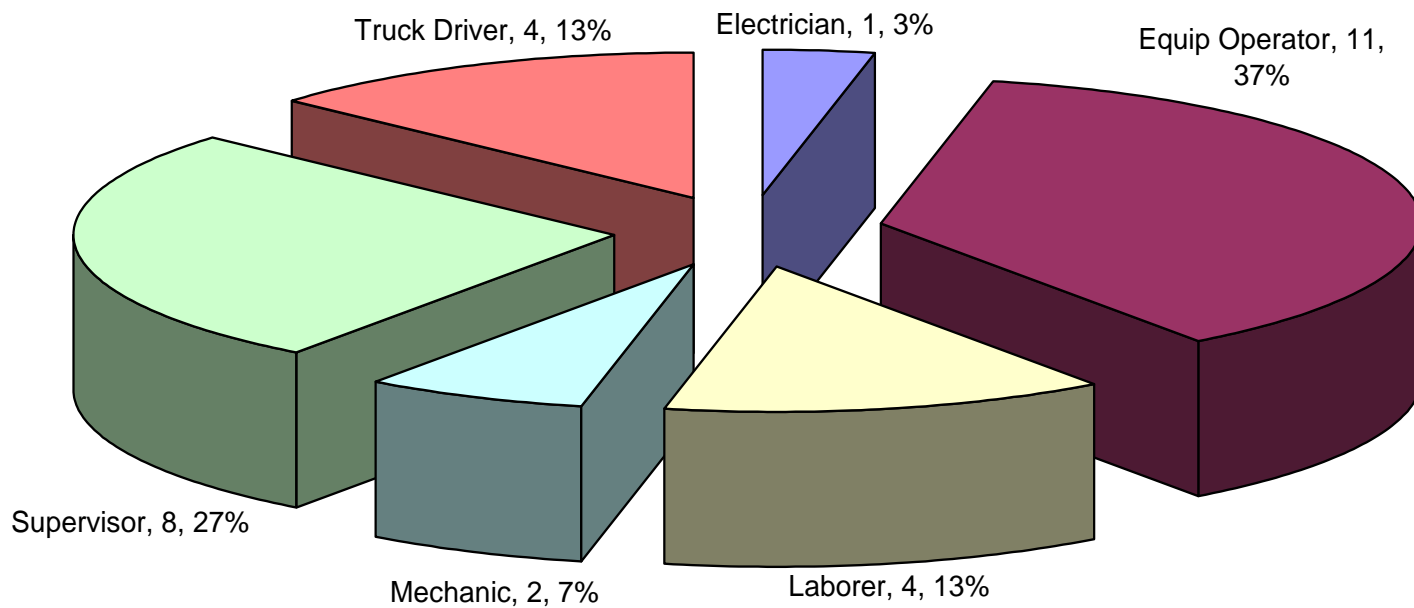
Coal Mine Fatalities By Shift CY2003



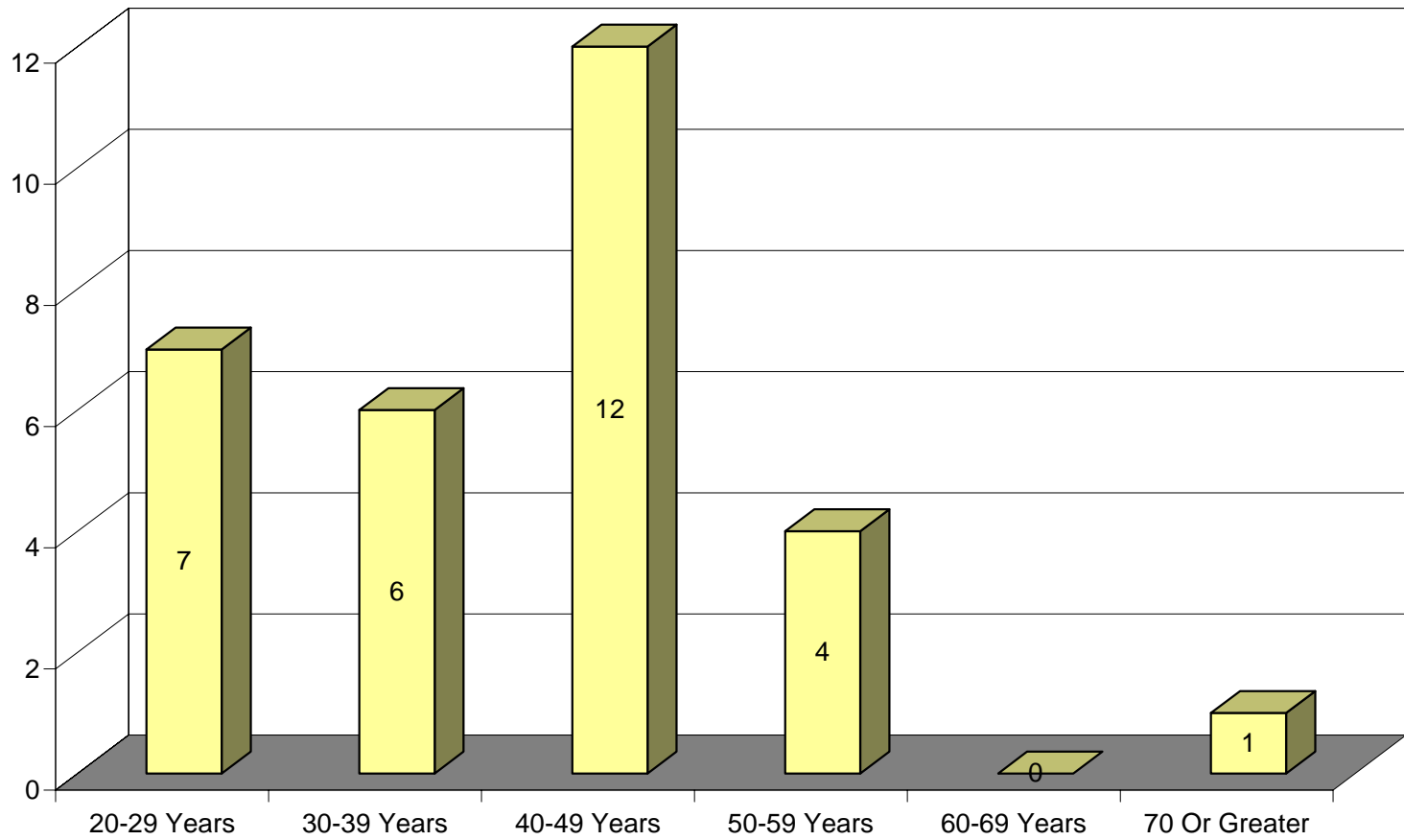
Coal Mine Fatalities by Day of Week CY2003



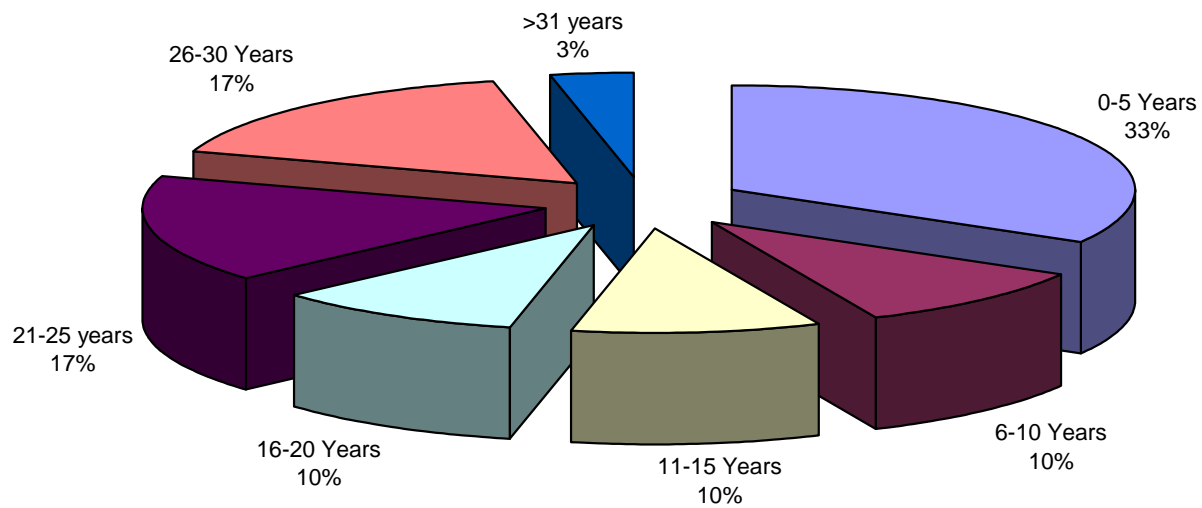
Coal Mine Fatalities By Occupation CY2003



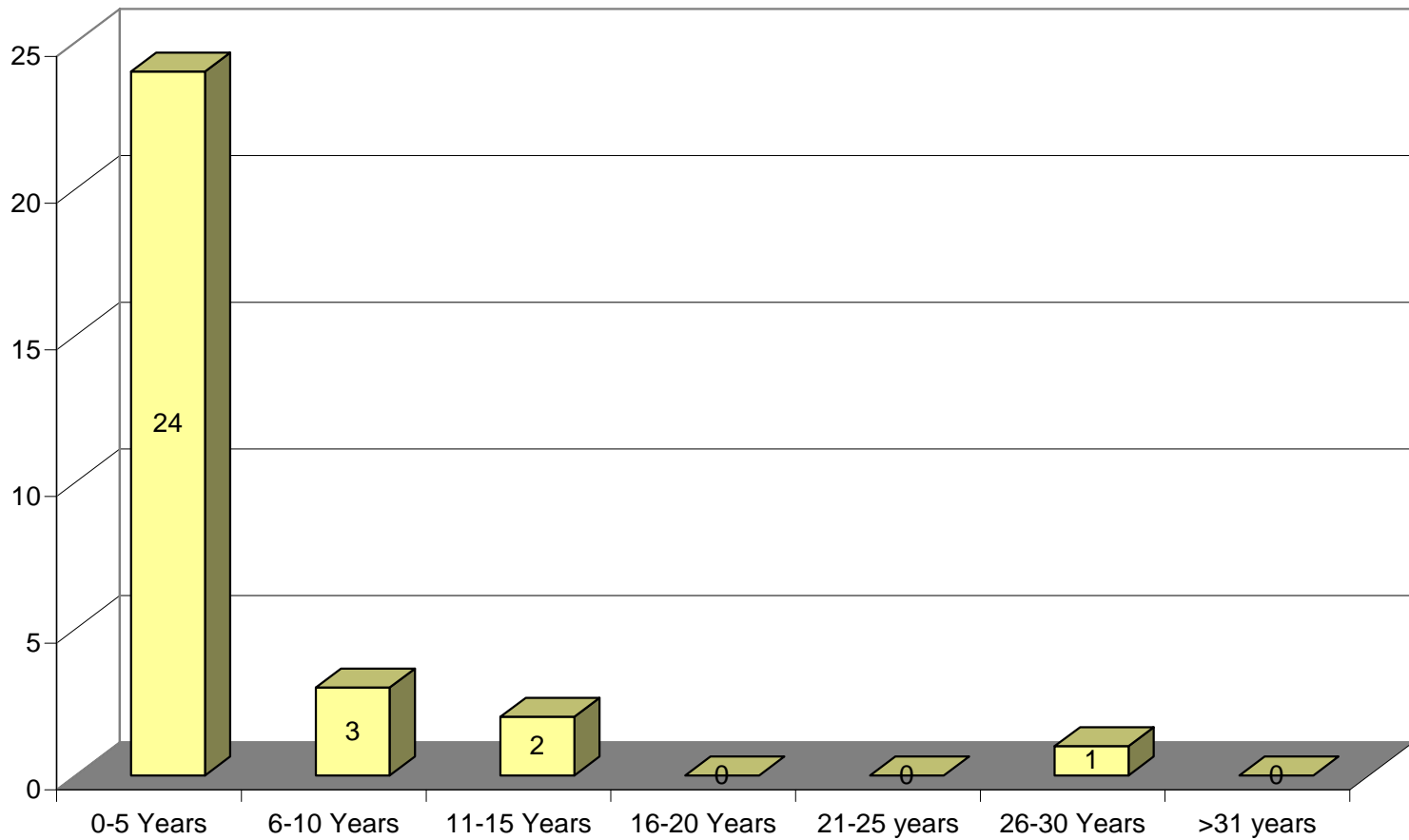
Coal Mine Fatalities By Age CY2003



Coal Mine Fatalities By Total Mining Experience CY2003



Coal Mine Fatalities by Mine Experience CY2003



Coal Mine Fatalities By Activity Experience CY2003

